

**SUM-8-0195**

PID 77078

## Member Load Summary from Truss Analysis

**LOWER CHORD**

Member	L0-L1	L1-L2	L2-L3	L3-L4	L4-L5	L5-L6	L6-L7	L7-L8	L8-L9	L9-L10	L10-L11	L11-L12	L12-L13
Dead Load	887.2	1305.1	1255.8	637.3	-162.5	-806.2	-1317.7	-1765.9	-1741.4	-1413.7	-1097.5	-776.0	-470.5
HS 20 Live Load +LL+I	318.4	525.0	622.7	534.1	330.3	172.3	114.1	99.3	96.9	88.0	103.6	140.1	243.2
HS 20 Live Load -LL-I	-115.9	-231.3	-346.7	-399.4	-368.0	-342.3	-375.3	-433.7	-421.7	-357.7	-312.7	-274.9	-298.4

**UPPER CHORD**

Member	U0-U1	U1-U2	U2-U3	U3-U4	U4-U5	U5-U6	U6-U7	U7-U8	U8-U9	U9-U10	U10-U11	U11-U12	U12-U13
Dead Load	-0.7	-885.6	-1305.1	-1257.4	-635.5	147.1	689.6	1014.5	1105.5	954.2	735.5	468.9	328.3
HS 20 Live Load +LL+I	0.0	115.4	231.0	346.4	396.3	347.7	296.3	291.8	280.5	272.3	260.6	296.4	329.4
HS 20 Live Load -LL-I	-0.8	-317.8	-524.7	-622.7	-530.9	-313.2	-150.2	-89.4	-68.8	-89.8	-132.2	-241.1	-321.4

**VERTICAL**

Member	U0-L0	L1-U1	L2-U2	L3-U3	L4-U4	L5-U5	L6-U6	L7-U7	L8-U8	L9-U9	L10-U10	L11-U11	L12-U12	L13-U13
Dead Load	-144.1	328.3	4.9	-326.5	-724.4	-933.0	-935.5	-888.0	-1152.8	-578.8	-552.1	-505.9	-382.1	-280.5
HS 20 Live Load +LL+I	0.0	170.7	115.4	79.0	24.2	41.3	83.7	103.2	63.2	79.0	78.5	77.2	97.9	0.0
HS 20 Live Load -LL-I	-138.5	-89.9	-116.9	-161.9	-216.7	-284.6	-317.1	-313.7	-296.5	-241.7	-247.5	-232.4	-211.7	-144.2

**DIAGONAL**

Member	L0-U1	L1-U2	L2-U3	L3-U4	L4-U5	L5-U6	L6-U7	L7-U8	U8-L9	U9-L10	U10-L11	U11-L12	U12-L13
Dead Load	-1080.8	-511.9	62.1	761.7	1012.8	835.5	657.4	553.6	301.5	304.2	334.9	343.5	172.0
HS 20 Live Load +LL+I	147.9	157.5	205.0	262.7	331.6	318.9	275.5	242.2	169.0	191.3	225.3	247.8	264.7
HS 20 Live Load -LL-I	-415.8	-299.1	-202.4	-60.0	-65.8	-111.0	-119.3	-119.8	-83.6	-91.3	-103.8	-123.5	-192.3